

SEQUENCE LISTING

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<120> TREATMENT OF CORONARY DISORDERS
USING TNF α INHIBITORS

<130> BPI-190

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<150> 60/397,275
<151> 2002-07-19

<150> 60/411,081
<151> 2002-09-16

<150> 60/417,490
<151> 2002-10-10

<150> 60/455,777
<151> 2003-03-18

<160> 37

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1 5 10 15
Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Arg Asn Tyr
20 25 30
Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
35 40 45
Tyr Ala Ala Ser Thr Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60
Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro

65	70	75	80												
Glu	Asp	Val	Ala	Thr	Tyr	Tyr	Cys	Gln	Arg	Tyr	Asn	Arg	Ala	Pro	Tyr
85								90						95	
Thr	Phe	Gly	Gln	Gly	Thr	Lys	Val	Glu	Ile	Lys					
100							105								

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1	5	10	15												
Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly	Phe	Thr	Phe	Asp	Asp	Tyr
20			25					30							
Ala	Met	His	Trp	Val	Arg	Gln	Ala	Pro	Gly	Lys	Gly	Leu	Glu	Trp	Val
35			40			45									
Ser	Ala	Ile	Thr	Trp	Asn	Ser	Gly	His	Ile	Asp	Tyr	Ala	Asp	Ser	Val
50			55			60									
Glu	Gly	Arg	Phe	Thr	Ile	Ser	Arg	Asp	Asn	Ala	Lys	Asn	Ser	Leu	Tyr
65			70			75		80							
Leu	Gln	Met	Asn	Ser	Leu	Arg	Ala	Glu	Asp	Thr	Ala	Val	Tyr	Tyr	Cys
85			90			95									
Ala	Lys	Val	Ser	Tyr	Leu	Ser	Thr	Ala	Ser	Ser	Leu	Asp	Tyr	Trp	Gly
100			105			110									
Gln	Gly	Thr	Leu	Val	Thr	Val	Ser	Ser							
115			120												

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<222> 9
<223> Xaa = Thr or Ala

<223> Mutated human antibody

<400> 3
Gln Arg Tyr Asn Arg Ala Pro Tyr Xaa
1 5

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<222> 12
<223> Xaa = Tyr or Asn

<223> Mutated human antibody

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Val Ser Tyr Leu Ser Thr Ala Ser Ser Leu Asp Xaa
1 5 10

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Ala Ala Ser Thr Leu Gln Ser
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Ala Ile Thr Trp Asn Ser Gly His Ile Asp Tyr Ala Asp Ser Val Glu
1 5 10 15
Gly

<210> 7

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<223> Mutated human antibody

<400> 7

Arg Ala Ser Gln Gly Ile Arg Asn Tyr Leu Ala
1 5 10

<210> 8

<211> 5

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<400> 8

Asp Tyr Ala Met His
1 5

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<400> 9
 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Ile Gly
 1 5 10 15
 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Arg Asn Tyr
 20 25 30
 Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
 35 40 45
 Tyr Ala Ala Ser Thr Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
 50 55 60
 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
 65 70 75 80
 Glu Asp Val Ala Thr Tyr Tyr Cys Gln Lys Tyr Asn Ser Ala Pro Tyr
 85 90 95
 Ala Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
 100 105

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<400> 10
 Gln Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Arg
 1 5 10 15
 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Asp Asp Tyr
 20 25 30
 Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Asp Trp Val
 35 40 45
 Ser Ala Ile Thr Trp Asn Ser Gly His Ile Asp Tyr Ala Asp Ser Val
 50 55 60
 Glu Gly Arg Phe Ala Val Ser Arg Asp Asn Ala Lys Asn Ala Leu Tyr
 65 70 75 80
 Leu Gln Met Asn Ser Leu Arg Pro Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95
 Thr Lys Ala Ser Tyr Leu Ser Thr Ser Ser Ser Leu Asp Asn Trp Gly
 100 105 110
 Gln Gly Thr Leu Val Thr Val Ser Ser
 115 120

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<400> 11
Gln Lys Tyr Asn Ser Ala Pro Tyr Ala
1 5

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<400> 12
Gln Lys Tyr Asn Arg Ala Pro Tyr Ala
1 5

<210> 13
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<400> 13
Gln Lys Tyr Gln Arg Ala Pro Tyr Thr
1 5

<210> 14
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<400> 14
Gln Lys Tyr Ser Ser Ala Pro Tyr Thr
1 5

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Gln Lys Tyr Asn Ser Ala Pro Tyr Thr
1 5

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<400> 16
Gln Lys Tyr Asn Arg Ala Pro Tyr Thr
1 5

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<400> 17
Gln Lys Tyr Asn Ser Ala Pro Tyr Tyr
1 5

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<400> 18
Gln Lys Tyr Asn Ser Ala Pro Tyr Asn
1 5

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<400> 19
Gln Lys Tyr Thr Ser Ala Pro Tyr Thr
1 5

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<400> 20
Gln Lys Tyr Asn Arg Ala Pro Tyr Asn
1 5

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<400> 21
Gln Lys Tyr Asn Ser Ala Ala Tyr Ser
1 5

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<400> 22
Gln Gln Tyr Asn Ser Ala Pro Asp Thr
1 5

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<400> 23
Gln Lys Tyr Asn Ser Asp Pro Tyr Thr
1 5

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<400> 24
Gln Lys Tyr Ile Ser Ala Pro Tyr Thr
1 5

<210> 25
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<400> 25
Gln Lys Tyr Asn Arg Pro Pro Tyr Thr
1 5

<210> 26

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<400> 26
Gln Arg Tyr Asn Arg Ala Pro Tyr Ala
1 5

<210> 27

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<400> 27
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<210> 28

<211> 12
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<400> 28
Ala Ser Tyr Leu Ser Thr Ser Ser Ser Leu Asp Lys
1 5 10

<210> 29

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<400> 29
Ala Ser Tyr Leu Ser Thr Ser Ser Ser Leu Asp Tyr
1 5 10

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<400> 30
Ala Ser Tyr Leu Ser Thr Ser Ser Leu Asp Asp
1 5 10

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<400> 31
Ala Ser Tyr Leu Ser Thr Ser Phe Ser Leu Asp Tyr
1 5 10

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<400> 32
Ala Ser Tyr Leu Ser Thr Ser Ser Ser Leu His Tyr
1 5 10

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<400> 33
Ala Ser Phe Leu Ser Thr Ser Ser Ser Leu Glu Tyr
1 5 10

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<400> 34
Ala Ser Tyr Leu Ser Thr Ala Ser Ser Leu Glu Tyr
1 5 10

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<220>
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<400> 35
Val Ser Tyr Leu Ser Thr Ala Ser Ser Leu Asp Asn
1 5 10

<210> 36
<211> 321
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<220>
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<400> 36
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atcacttgtc gggcaagtca gggcatcaga aattacttag cctggtatca gcaaaaaccca 120
gggaaagccc ctaagctcct gatctatgct gatccactt tgcaaatcagg ggtcccatct 180
cggttcagtg gcagtggatc tgggacagat ttcaactctca ccatcagcag cctacagcct 240
gaagatgtg caacttatta ctgtcaaagg tataaccgtg caccgtatac ttttggccag 300

gggaccaagg tggaaatcaa a 321

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ccagggaaagg gccttggatg ggtctcagct atcaacttggaa atagtggta catagactat 180
gcggactctg tggagggccg attcaccatc tccagagaca acgccaagaa ctccctgtat 240
ctgcaaatga acagtctgag agctgaggat acggccgtat attactgtgc gaaagtctcg 300
taccttagca ccgcgtcctc ccttgactat tggggccaag gtaccctggc caccgtctcg 360
agt 363